

CLIENT

BRIGHAM CITY
MAINTENANCE FACILITY
STATION #1423
1325 EAST HIGHWAY 90
BRIGHAM CITY, UTAH 84302

DESIGNER

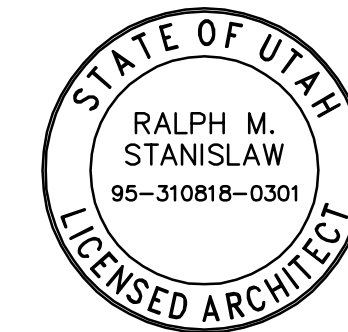
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CONSULTANTS

PROFESSIONAL SEAL



ISSUE

MARK	DATE	DESCRIPTION
1	3/17/06	ADDENDUM #1
	2/15/06	CONSTRUCTION DOCUMENTS
	1/18/06	FINAL REVIEW SET
	12/21/05	DD REVIEW SET
	9/16/05	PRELIMINARY REVIEW SET

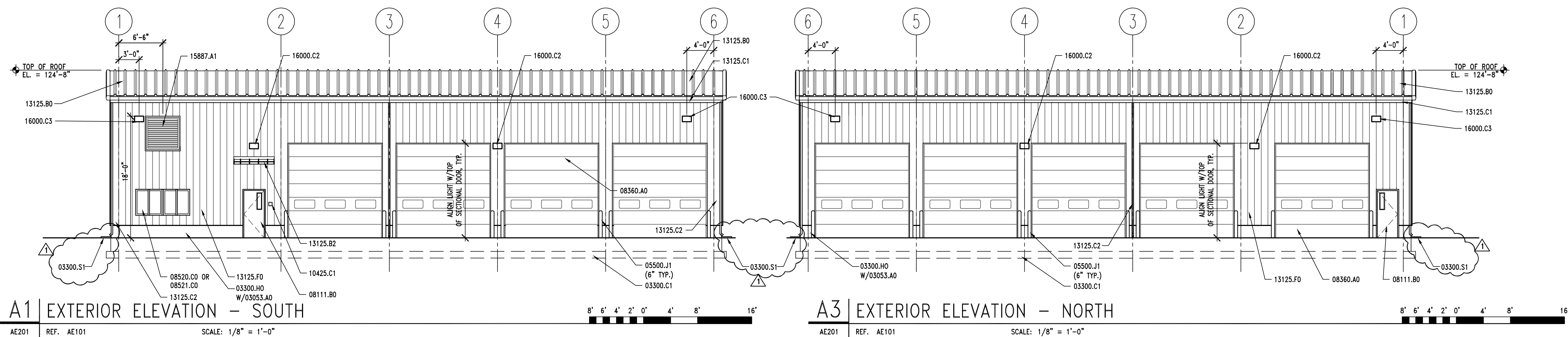
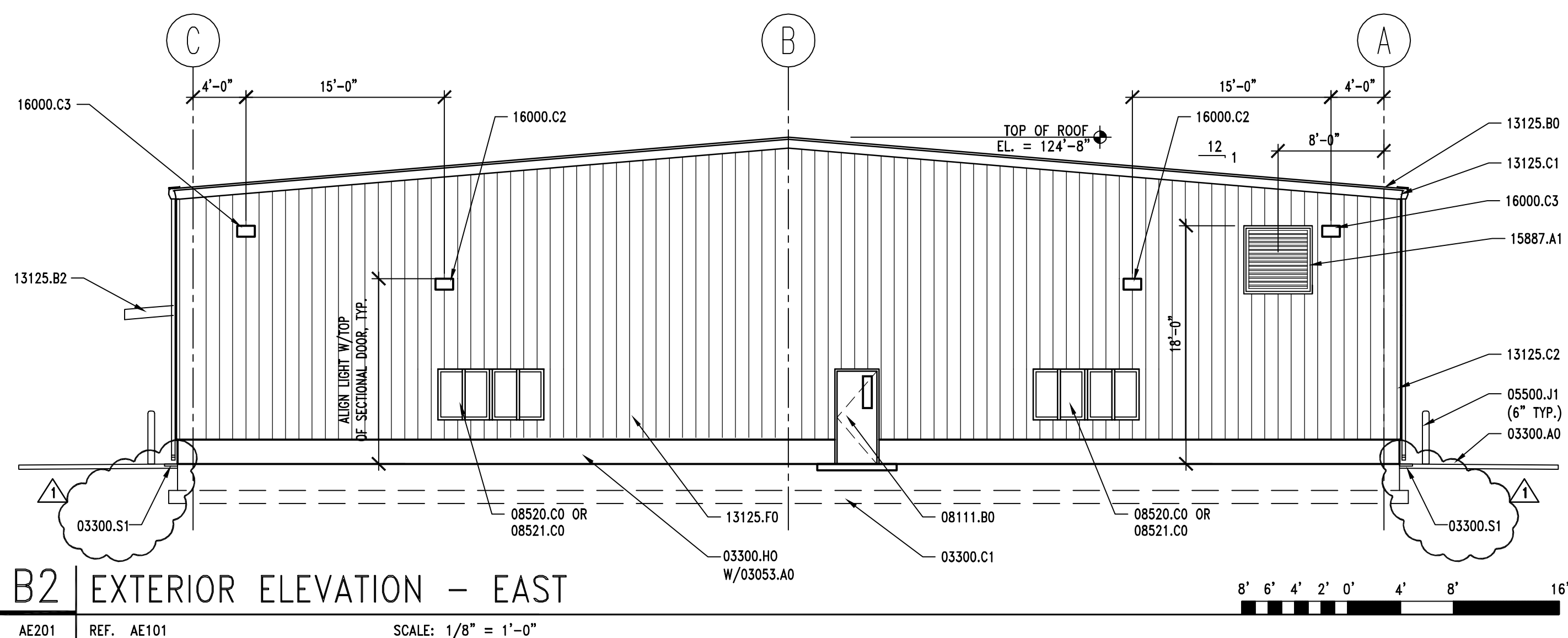
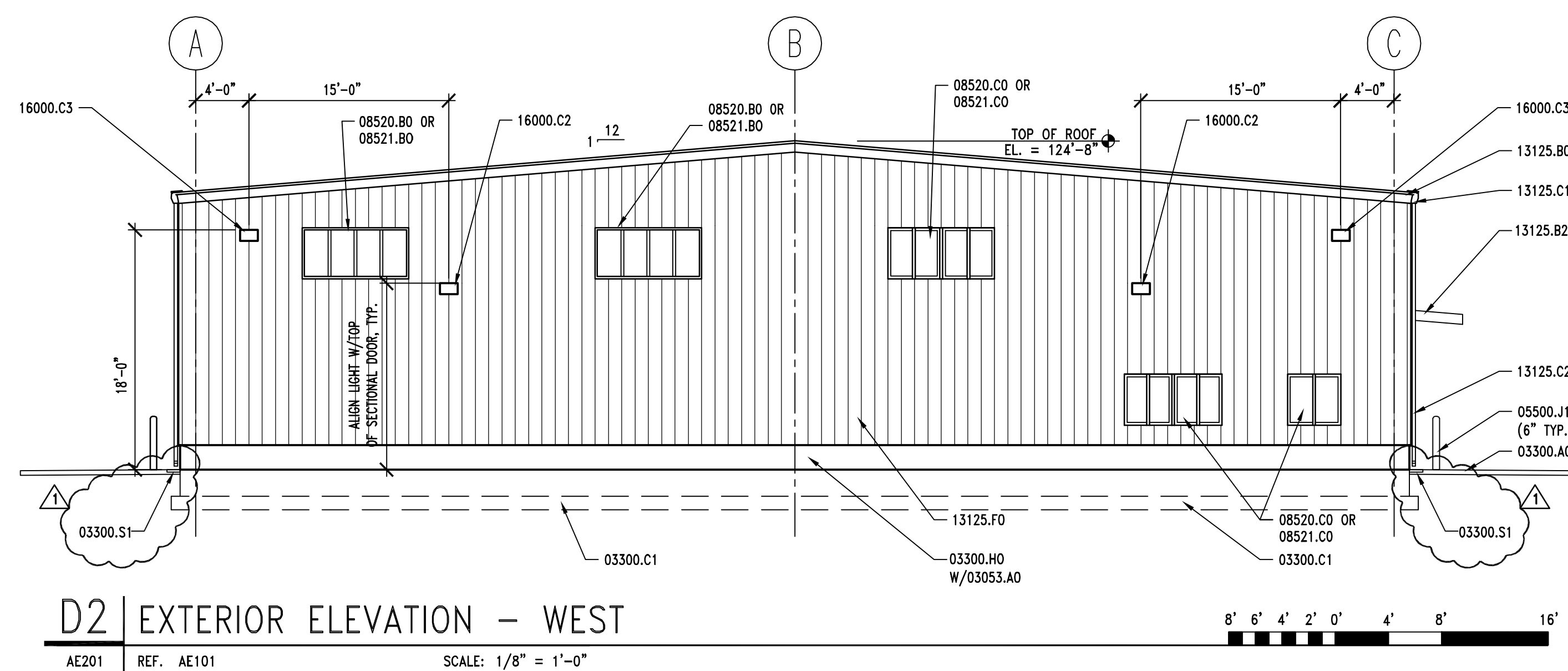
DFCM PROJECT NO:	05059900
ARCHIPLEX PROJECT NO:	050013.01
DRAWN BY:	K. PHILLIPS
CHECKED BY:	R. STANISLAW
SCALE:	1/8"=1'-0"
DATE:	FEBRUARY 15, 2006

KEY PLAN

SHEET TITLE

FIRST FLOOR AND
MEZZANINE
REFLECTED
CEILING PLANS

AE121

KEYNOTES

03053.40	CONCRETE WATER PROOFING SYSTEM
03053.00	CONCRETE SLAB ON GRADE
030300.C1	FOOTING- RE: STRUCTURAL
030300.H0	FOUNDATION WALL, RE: STRUCTURAL
030300.H0	SPLASH BLOCK
050500.J1	PIPE BOLLARD (DIAMETER) GALV. AND PAINTED
081111.B0	HOLLOW METAL DOOR
085600.A0	OVERHEAD SECTIONAL DOOR
085200.B0	FIXED WINDOW
085200.C0	ALUM. WINDOW W/GLIDING GLASS PANEL
085210.B0	FIXED VINYL WINDOW
085210.C0	VINYL WINDOW W/GLIDING GLASS PANEL
13125.B0	STANDING SEAM METAL ROOF
13125.B2	STANDING SEAM METAL CANOPY
13125.C1	METAL RAIN GUTTER
13125.C2	DOWNSPOUT
13125.F0	METAL WALL PANEL
10425.C1	ACCESSIBLE SIGNAGE
15887.A1	LOUVER W/ BIRD SCREEN
16000.C2	EXTERIOR WALL MOUNTED LIGHTS
16000.C3	EXTERIOR WALL MOUNTED FLOOD LIGHTS

EXTERIOR COLOR SCHEDULE

(13125.B0) METAL ROOF & FASCIA: (USA) DESERT SAND
 (13125.F0) METAL WALL PANEL: (USA) LIGHT STONE (BEIGE)
 (13125.C2) DOWN SPOUTS: PREFINISHED TO MATCH METAL WALL PANEL @ GRID 3
 (13125.C2) DOWN SPOUTS: PREFINISHED TO MATCH CORNER TRIM @ GRID 1 & 6
 (13125.C2) CORNER TRIM & GUTTER: (USA) CHARCOAL
 (08111.B0) DOORS & FRAMES: WHITE
 (05500.J1) BOLLARDS: OSHA SAFETY YELLOW
 (08520.B0) WINDOW FRAMES: PREFINISHED WHITE

GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK. COORDINATE DISCREPANCIES WITH ARCHITECT.
2. DO NOT SCALE DRAWINGS.
3. SEE SHEET AE602 FOR WINDOW TYPES AND DETAILS.
4. SEE CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.

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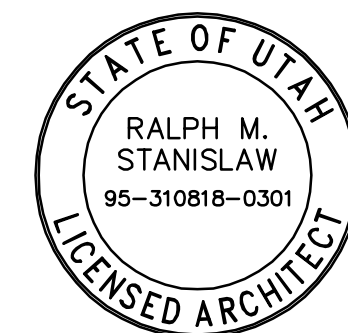
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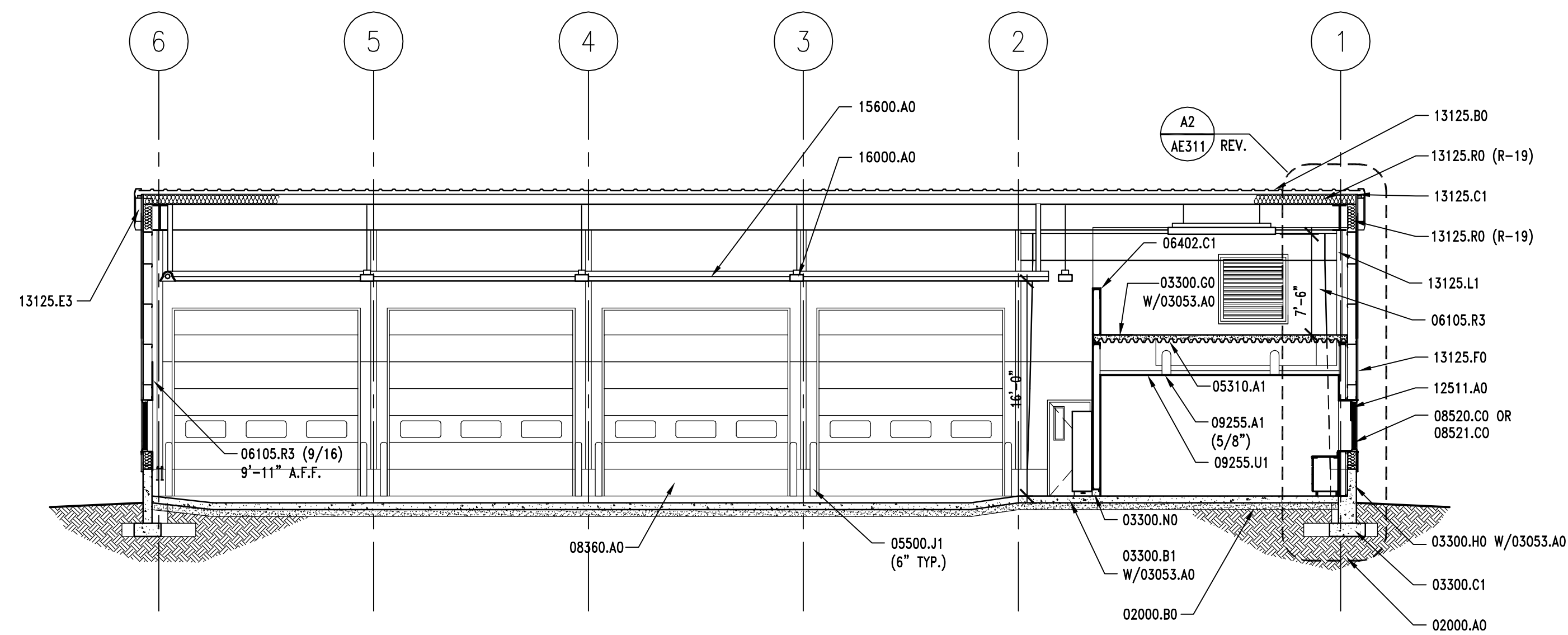
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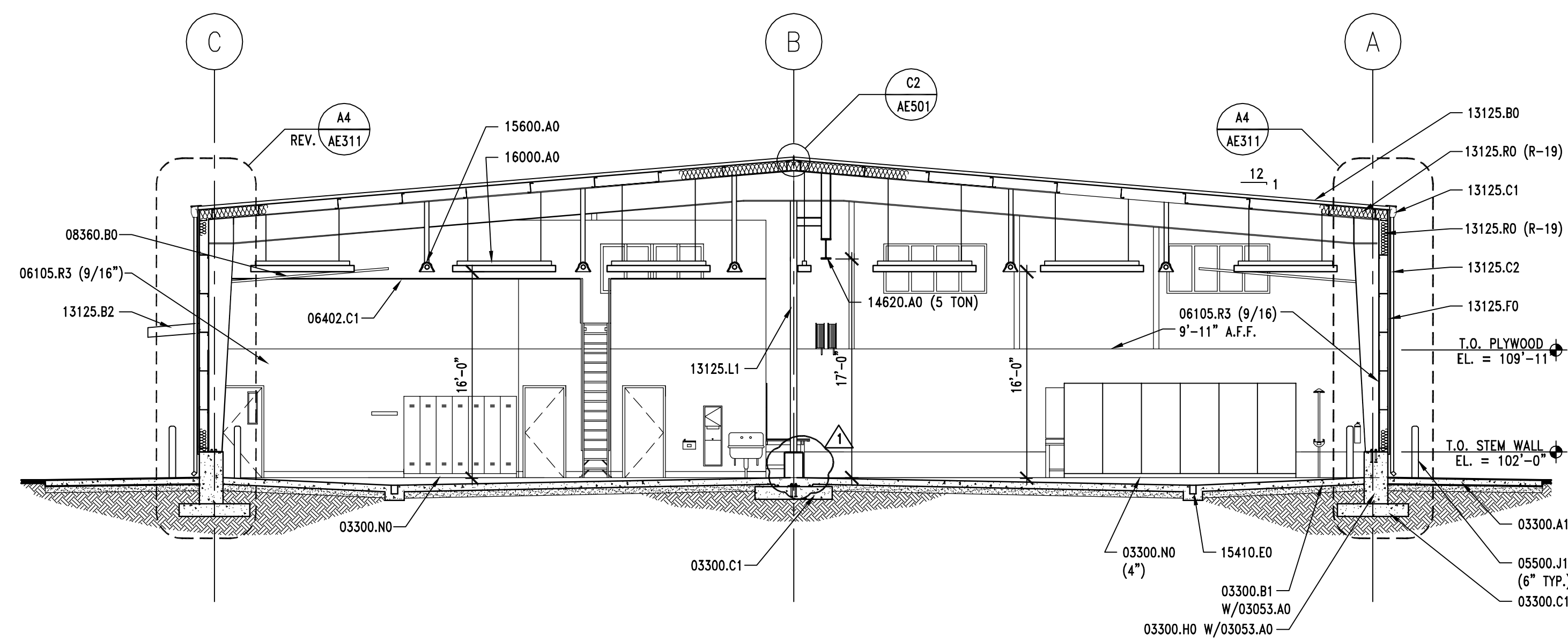
EXTERIOR ELEVATIONS

AE201



C2 | BUILDING SECTION

AE301	REF. AE101	SCALE: 1/8" = 1'-0"
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A1 | BUILDING SECTION

AE301	REF. AE101	SCALE: 1/8" = 1'-0"
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KEYNOTES

02000.00	COMPACTED FILL
02000.80	GRAVEL BASE
03055.0A	CONCRETE WATER PROOFING SYSTEM
03030.0A	CONCRETE SLAB-ON-GRADE - RE: STRUCTURAL
03030.0C	CONCRETE SLABS - RE:STRUCTURAL
03030.01	FOOTING-RE: STRUCTURAL
03030.0D	FOUNDATION WALL, RE: STRUCTURAL
03030.0G	CONCRETE OVER METAL DECK - RE:STRUCTURAL
03030.00	CONCRETE CURB
05310.01	METAL DECK - RE: STRUCTURAL
05500.01	PIPE BOLLARD (DIAMETER) GALV. AND PAINTED
06105.R3	G15 A/C PLYWOOD (THICKNESS)
06402.C1	PAINT GRADE WOOD CAP (THICK.)
08360.0A	OVERHEAD SECTIONAL DOOR
08360.80	DOOR TRACK
08520.00	ALUM. WINDOW W/GLIDING GLASS PANEL
08521.00	VINYL WINDOW W/GLIDING GLASS PANEL
09255.A1	GYPSON BOARD (THICKNESS)
09255.U1	SUSPENDED CEILING SYSTEM
12511.0A	HORIZONTAL LOUVER BLINDS
13125.80	STANDING SEAM METAL ROOF
13125.B2	STANDING SEAM METAL CANOPY
13125.C1	METAL RAIN GUTTER
13125.C2	DOWNSPOUT
13125.D3	RAKE TRIM
13125.F0	METAL WALL PANEL
13125.L1	STEEL COLUMN - PAINTED
13125.R0	INSULATION & VAPOR BARRIER (R=VALUE)
14620.0A	TROLLEY HOIST (SIZE) - RE: STRUCTURAL
15410.E0	TRENCH DRAIN
15600.A0	NATURAL GAS RADIANT HEATING SYSTEM
16000.A0	INTERIOR LIGHTS

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3. SEE SHEET AE602 FOR WINDOW TYPES AND DETAILS.
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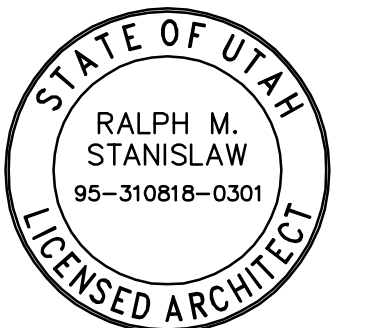
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ARCHIPLEX PROJECT NO: 050013.01

DRAWN BY: K. PHILLIPS

CHECKED BY: R. STANISLAW

SCALE: $1/8"=1'-0"$

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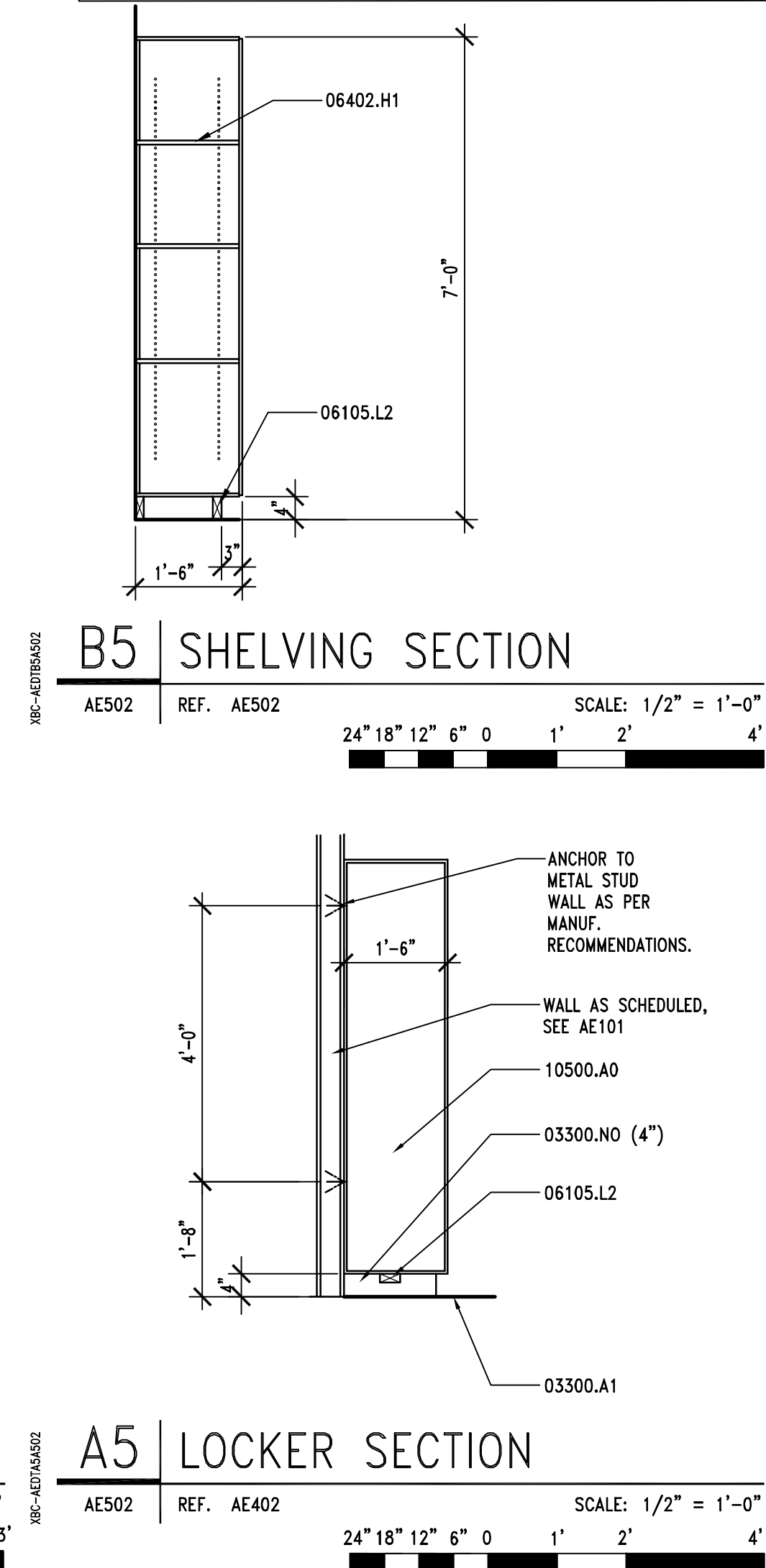
KEY PLAN

SHEET TITLE


BUILDING SECTIONS

AE301

1
REVISED GRAPHIC REPRESENTATION OF METAL BUILDING INSULATION AT ROOF AND WALL PANELS ON ALL WALL SECTIONS.



AE502










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DFCM PROJECT NO:	05059900
BHB PROJECT NO:	05196
DRAWN BY:	C. BROWN
CHECKED BY:	C. HOFHEINS
SCALE:	AS SHOWN
DATE:	FEBRUARY 15, 2006

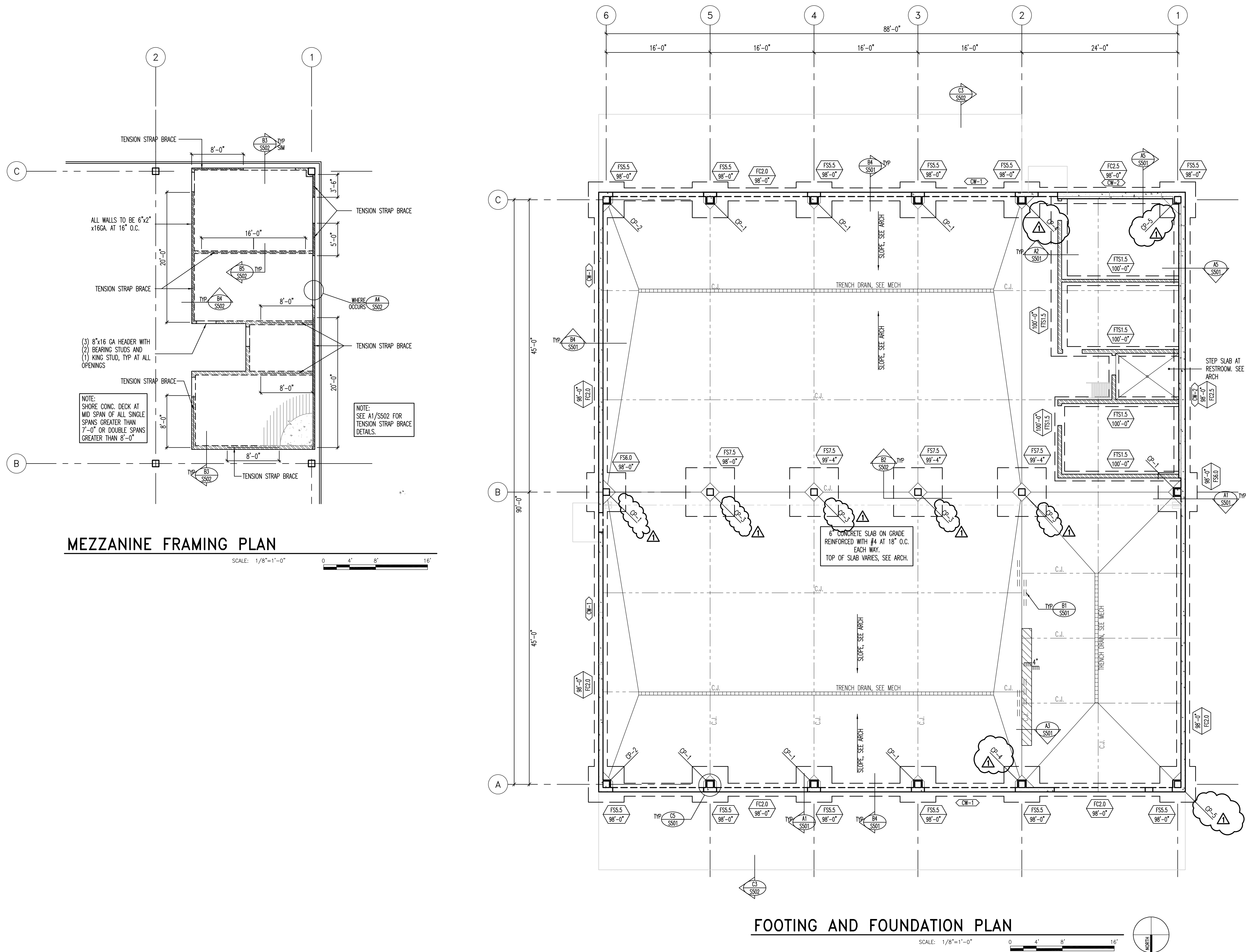
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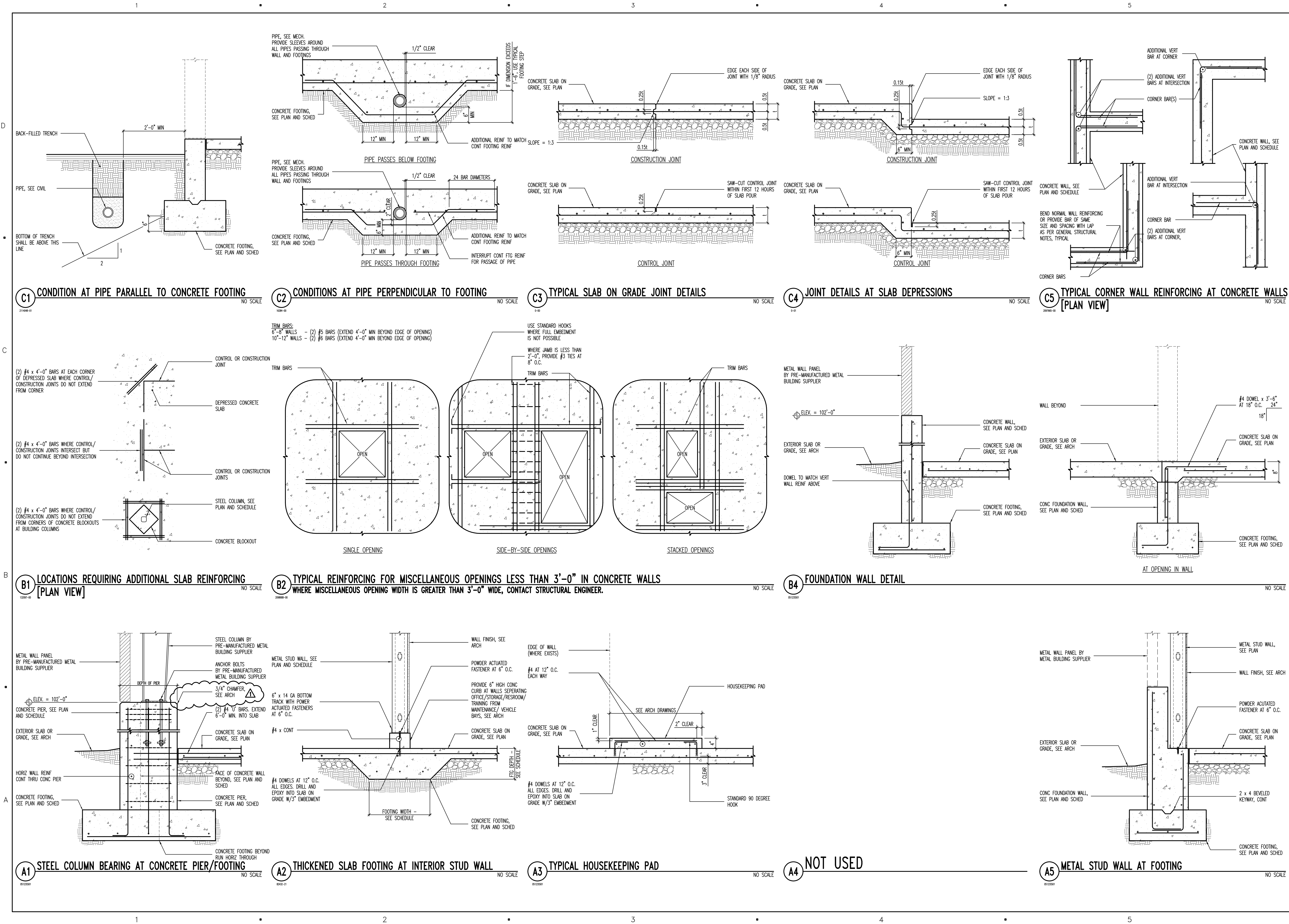
FOOTING
AND
FOUNDATION
PLAN

S101

	SECTION MARK
	SHEET NUMBER
	FOOTING DESIGNATION
	TOP OF FOOTING ELEVATION
	INDICATES CONCRETE WALL.
	DEPRESS FOUNDATION WALL AND POUR SLAB OVER. SEE DETAIL 64/S501 AND C3/S502.
	INDICATES CONCRETE OVER METAL FLOOR DECK. SEE GENERAL STRUCTURAL NOTES ON SHEET S601.
	INDICATES 4" THICK CONCRETE HOUSE-KEEPING PAD. REINF. WITH #4 BARS AT 12" O.C. EACH WAY.
	INDICATES CONCRETE FOUNDATION WALL TYPE. SEE SCHEDULE ON SHEET S601.
FCxx	INDICATES CONTINUOUS FOOTING. SEE SCHEDULE ON SHEET S601.
FSxx	INDICATES SPOT FOOTING. SEE SCHEDULE ON SHEET S601.
CPx	INDICATES CONCRETE PIER TYPE. SEE SCHEDULE ON SHEET S601.
C.J.	INDICATES CONTROL/CONSTRUCTION JOINT. SEE DETAILS C3/S501 AND C4/S501.

1. COORDINATE LOCATION OF DERESSED SLABS, SLOPED SLABS, AND FLOOR DRAINS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
2. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR EXTERIOR CONCRETE WORK AT DOORS, SIDEWALKS, ETC.
3. ALL SPT FOOTINGS SHALL BE CENTERED UNDER COLUMNS (UNO).
5. SEE DETAILS C1/S501 AND C2/S501 FOR CONDITION WHERE BURIED PIPES RUN PARALLEL AND PERPENDICULAR TO FOOTINGS.
6. SEE DETAIL C3/S501 AND C4/S501 FOR ALL TYPES OF TYPICAL CONTROL/CONSTRUCTION JOINTS IN CONCRETE SLAB ON GRADE.
7. SEE DETAIL B1/S501 FOR SLAB REINFORCING WHERE CONTROL JOINTS ARE DISCONTINUOUS.
8. SEE DETAIL B2/S501 FOR ADDITIONAL REINFORCING AT MISCELLANEOUS OPENINGS IN CONCRETE WALLS.
9. SEE DETAIL A3/S501 FOR ANCHORAGE OF HOUSEKEEPING PAIDS.
10. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO ALL STEEL COLUMNS.
11. FOOTING AND CONCRETE PIER SIZES SHOWN ARE AN ESTIMATE OF ACTUAL SIZES. ACTUAL SIZES WILL BE PROVIDED AFTER PREFABRICATED METAL BURIED IS SELECTED. ALL BIDDERS SHALL PROVIDE UNIT PRICES FOR ADDING OR SUBTRACTING VOLUME OF CONCRETE, WEIGHT OF REINFORCING STEEL AND VOLUME OF EARTHWORK.





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DRAWN BY: C. BROWN
CHECKED BY: C. HOFHEINS
SCALE: AS SHOWN
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KEY PLAN

SHEET TITLE

FOOTING
AND
FOUNDATION
DETAILS

S501

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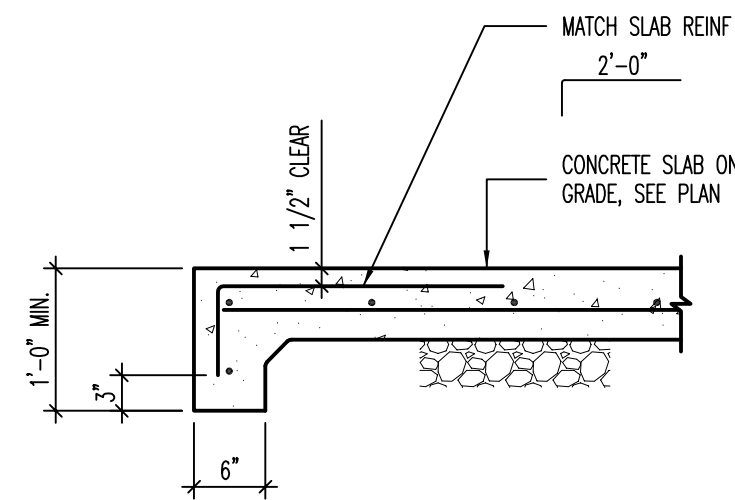
"Engineering Results"
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A Professional Corporation

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FOOTING AND FOUNDATION DETAILS

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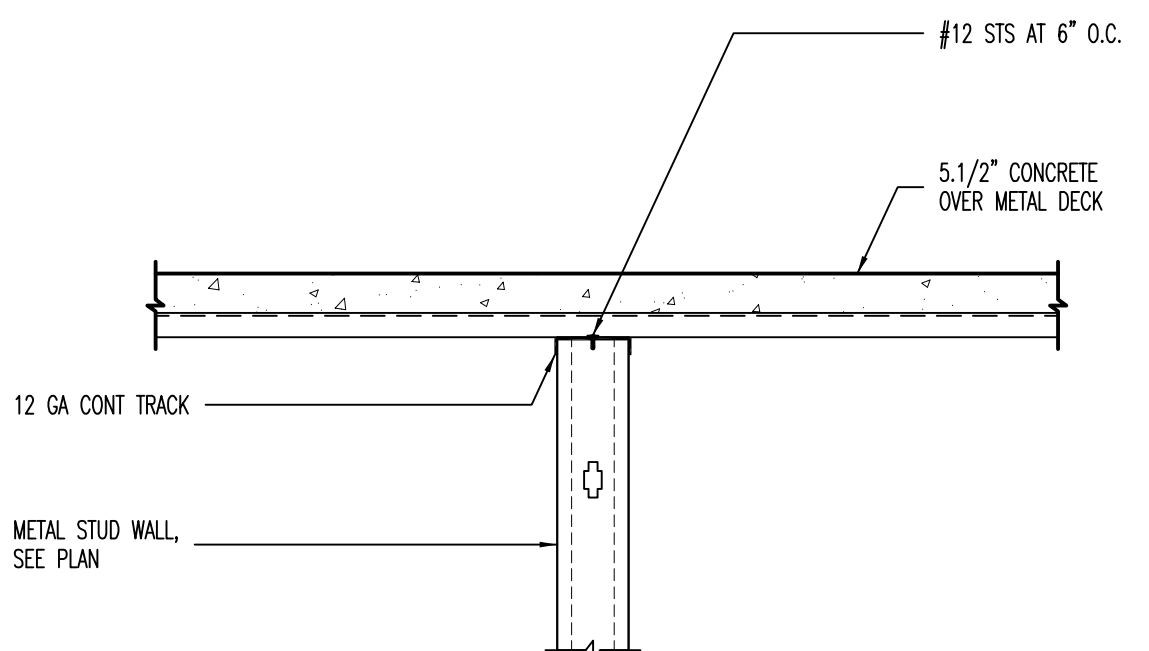
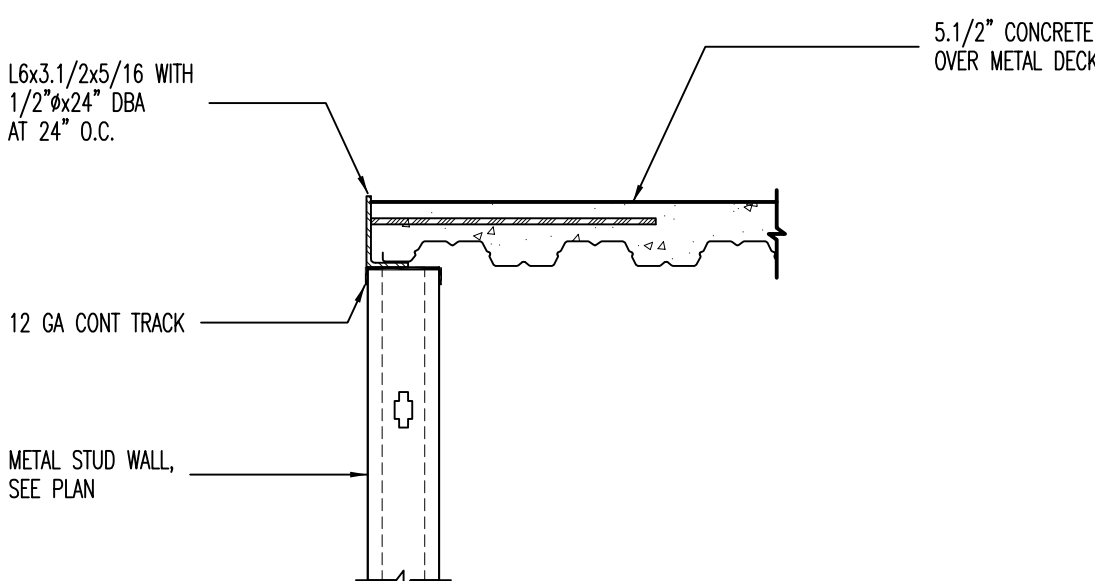
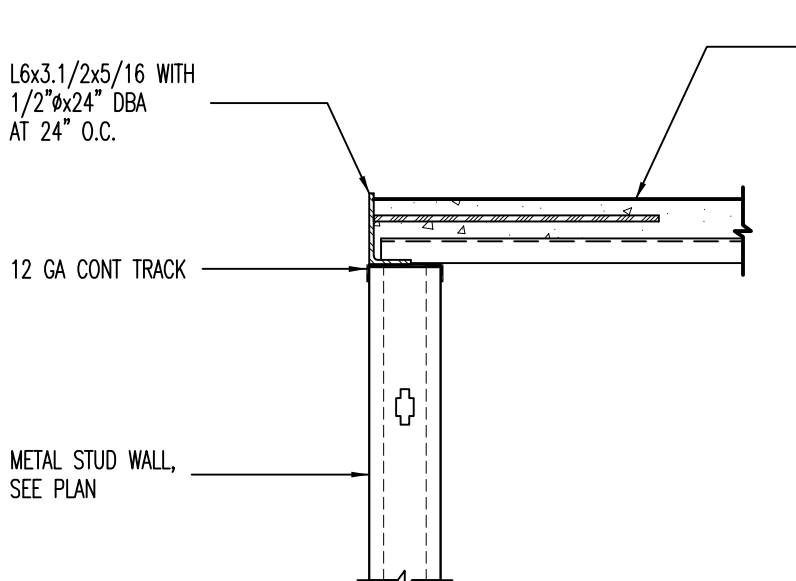
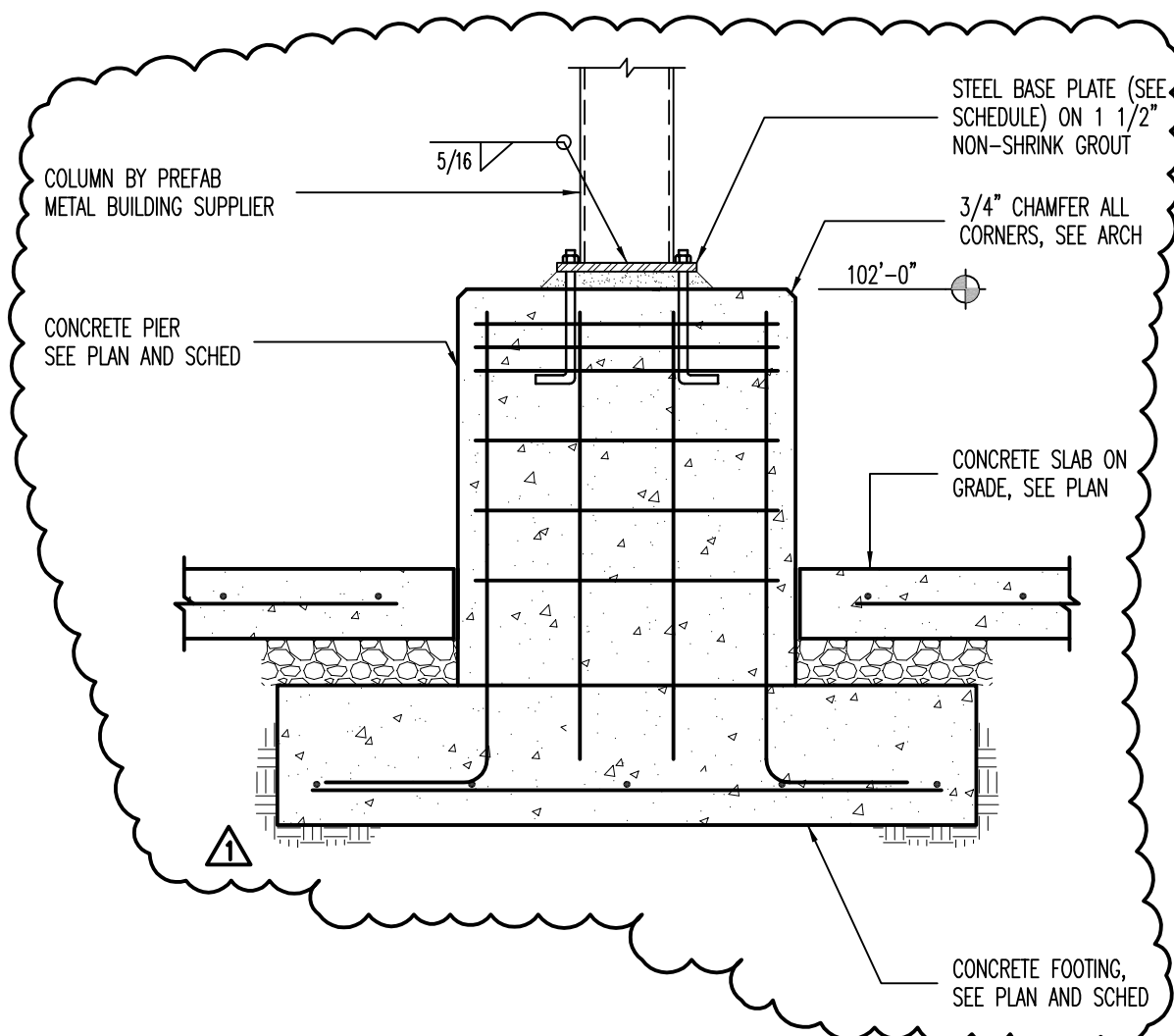
(C1) NOT USED

(c2) NOT USED

C3 SLAB TURNDOWN DETAIL

C4 NOT USED

C5 NOT USED



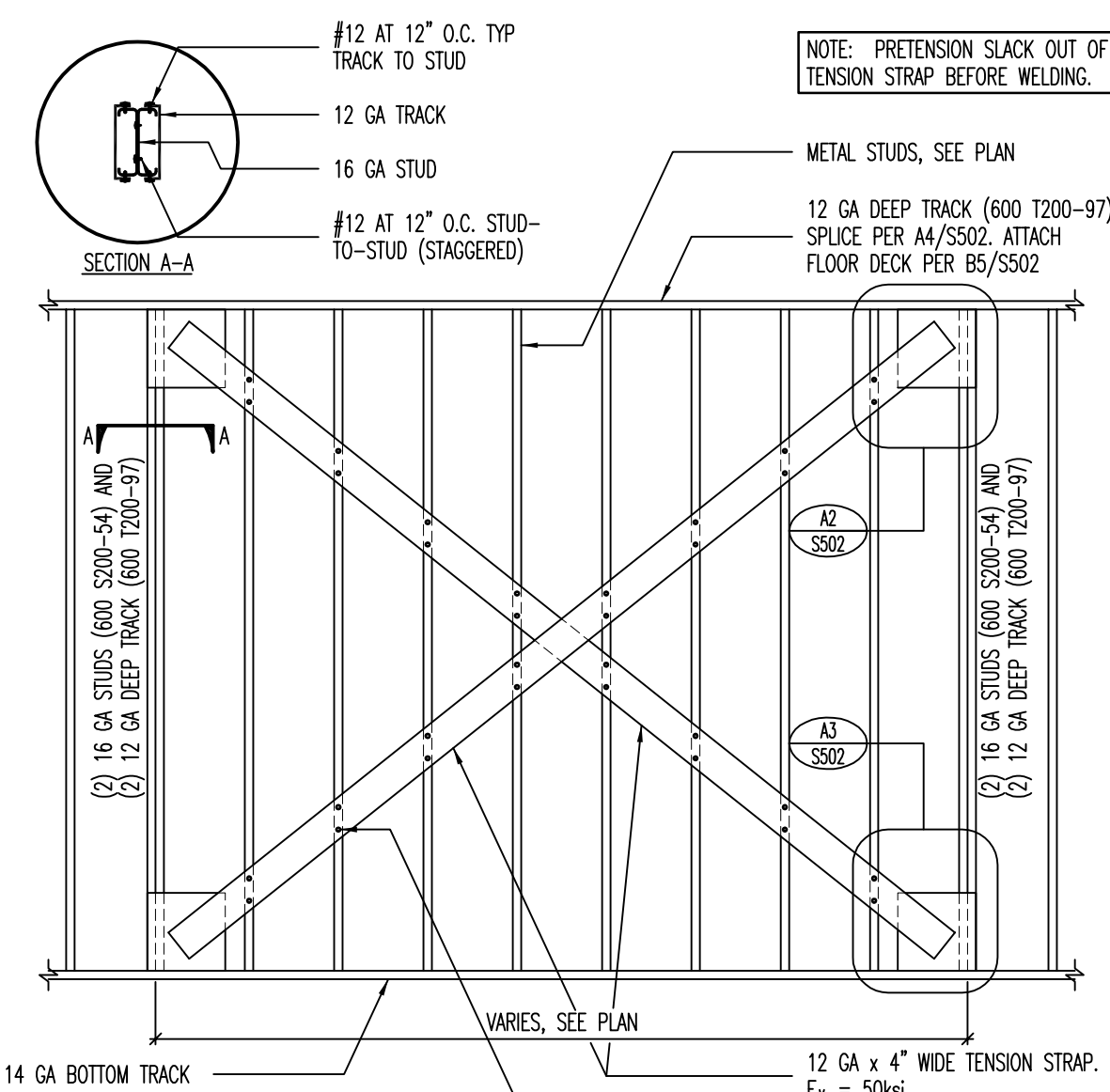
NOT USED

B2 TYPICAL INTERIOR STEEL COLUMN TO FOOTING DETAIL

B3 STEEL DECK PERPENDICULAR WITH WALL

B4 STEEL DECK PARALLEL WITH WALL

B5 STEEL DECK ON INTERIOR BEARING WALL



PL 12 GA x 8"x8"

12 GA TOP TRACK

TENSION STRAP

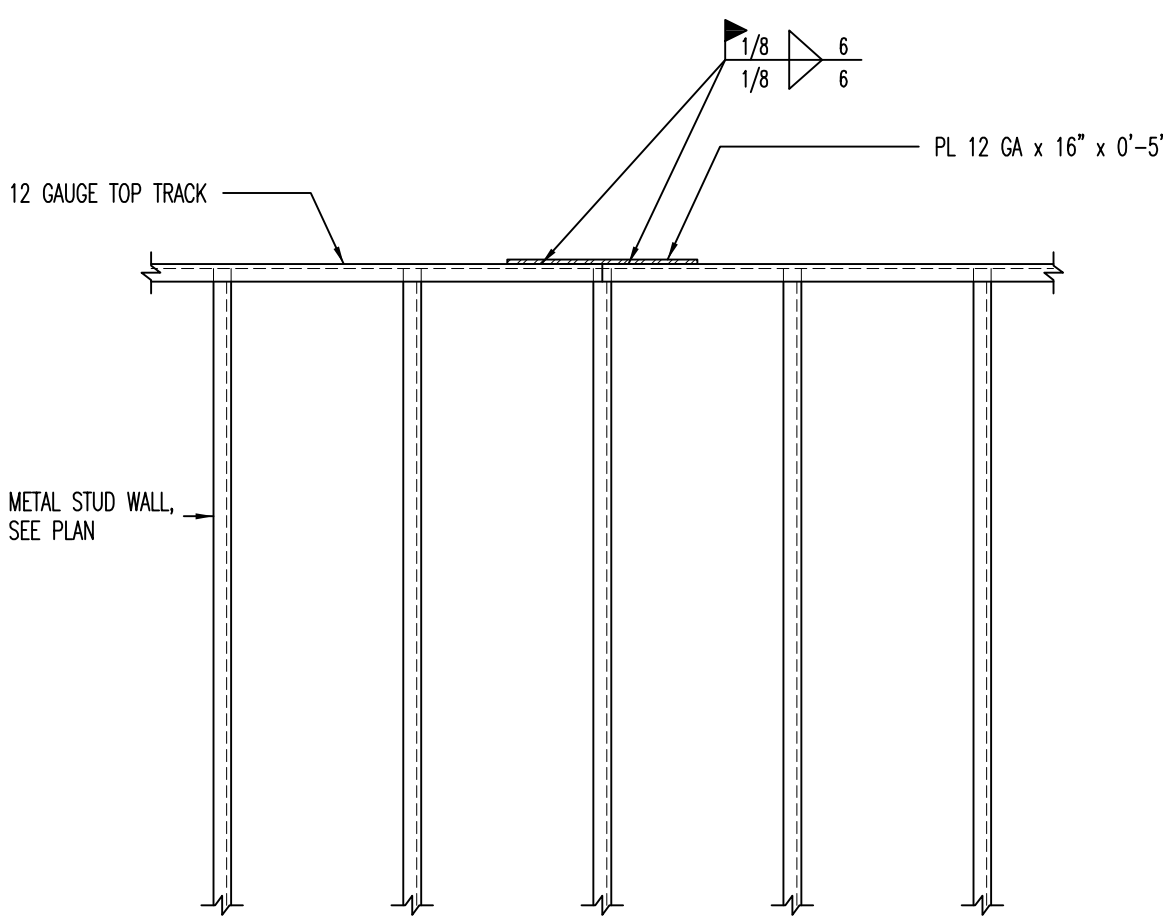
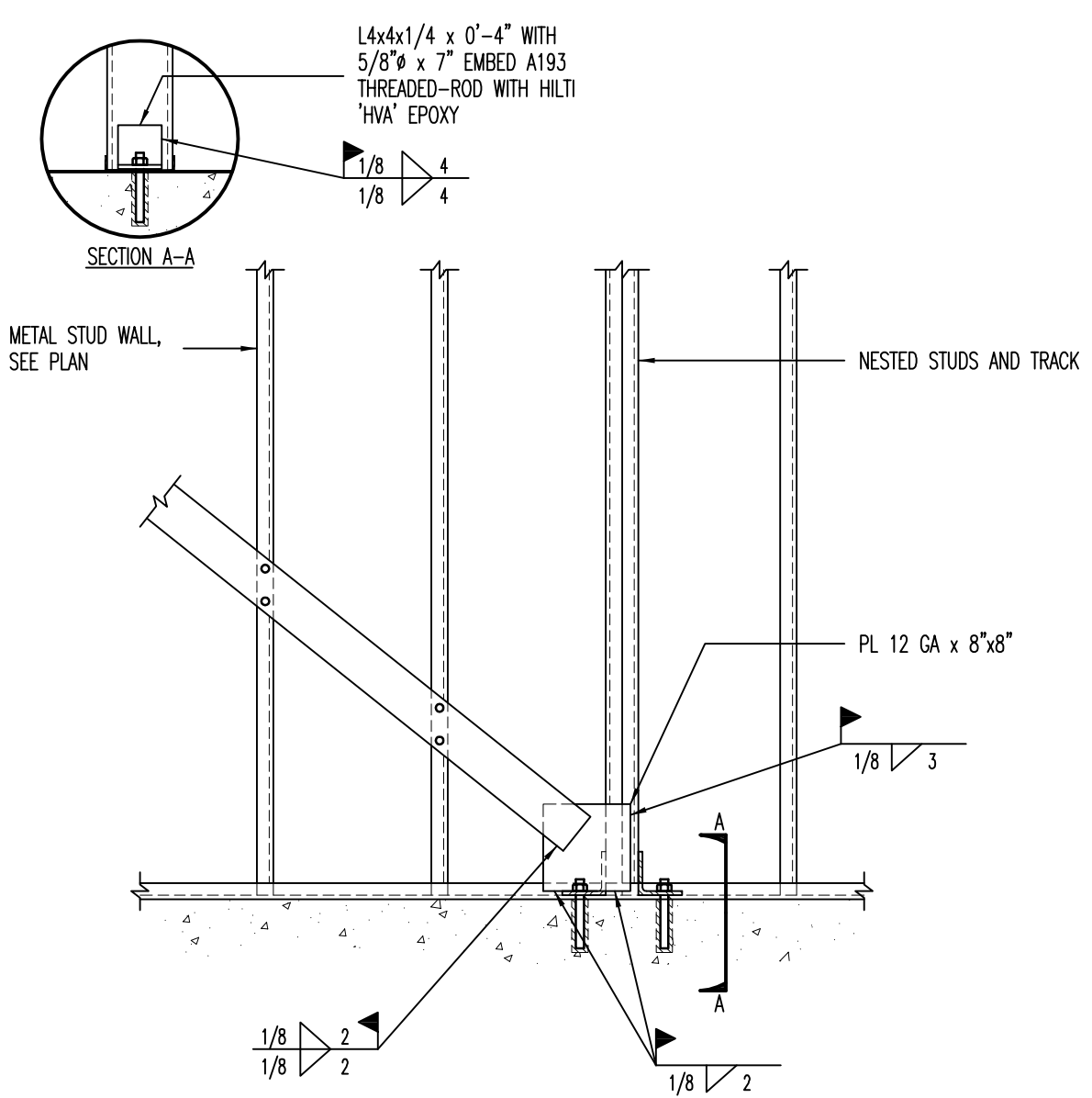
METAL STUD WALL, SEE PLAN

1/8" 2

1/8" 2

1/8" 3

NESTED STUDS AND TRACK

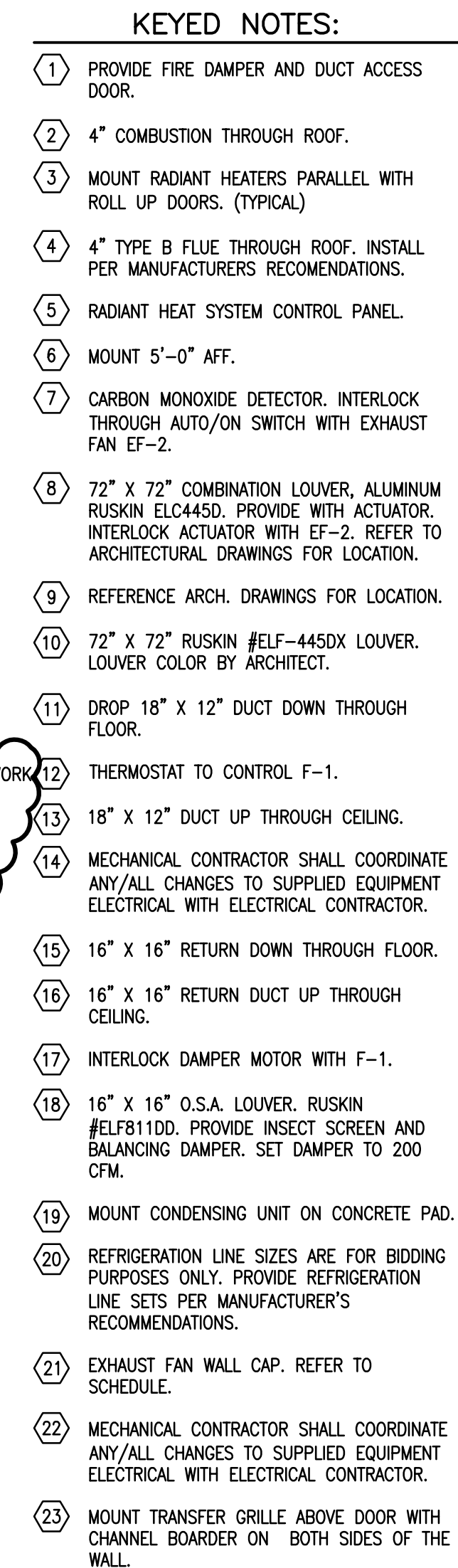


A1 TENSION STRAP BRACE

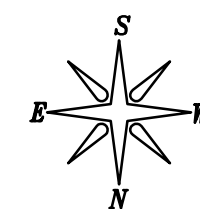
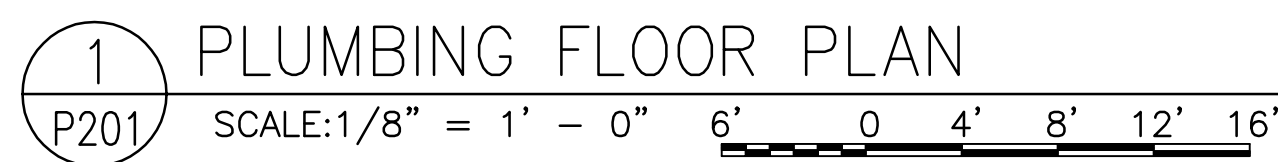
A2 TENSION STRAP BRACE

A3 TENSION STRAP BRACE

A4 TOP TRACK SPLICE DETAIL

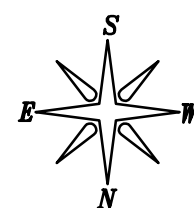
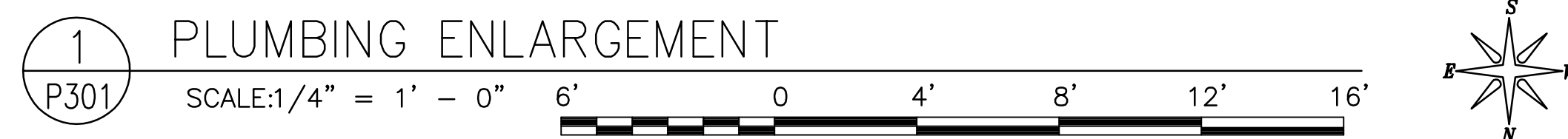
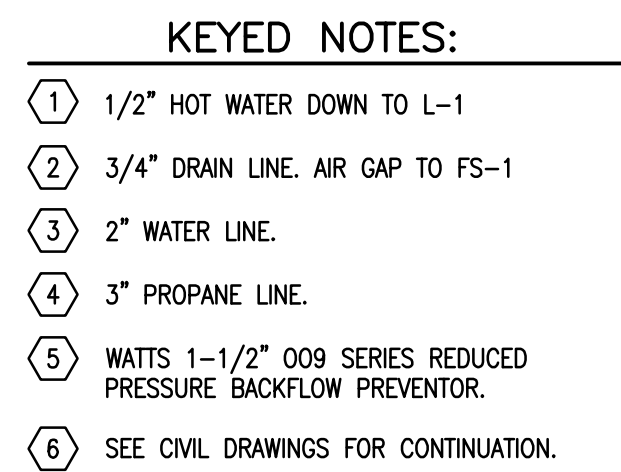


M201



- ① SEE SITE DRAWINGS FOR CONTINUATION.
- ② SEE CIVIL DRAWINGS FOR INVERT ELEVATION. GENERAL CONTRACTOR IS TO COORDINATE WITH HIS SUBS TO VERIFY SITE SANITARY SEWER AND BUILDING SANITARY SEWER PIPE W/OUT PROPERLY CONNECT PRIOR TO INSTALLING ANY SANITARY PIPE IN THE SITE OR BUILDING. IF A PROBLEM EXISTS, THE CONTRACTOR IS TO INFORM THE ARCHITECT OF THE PROBLEM PRIOR TO INSTALLING ANY PIPE. IF PIPE IS INSTALLED AND A PROBLEM EXISTS, THE CONTRACTOR, AT HIS EXPENSE, SHALL PERFORM ANY WORK REQUIRED SUCH THAT THE SANITARY PIPE CAN BE INSTALLED CORRECTLY TO CODE STANDARDS.
- ③ VENTS FROM SAND/OIL SEPARATOR MAY BE COMBINED AFTER THEY ARE 10' ABOVE FLOOD RISES. SEPARATOR AND THEN CONNECTED TO VEHICLE STORAGE BAY WASTE SYSTEM VENT PIPE.
- ④ PROVIDE PVC COVER OVER INSULATION TO 8'-0" AFF. MOUNT HB-1 3'-0" AFF.
- ⑤ ROUTE PIPING ABOVE STRUCTURE.
- ⑥ ALL WASTE PIPING 3" AND GREATER TO SLOPE $\frac{1}{8}$ " PER FOOT.
- ⑦ PIPE SLEEVES REQUIRED ON THIS PROJECT. IF CONTRACTOR FAILS TO INSTALL PIPE SLEEVES, THE CONTRACTOR SHALL REMOVE PIPE, INSTALL SLEEVE AND REINSTALL PIPE AT NO ADDITIONAL EXPENSE TO THE OWNER.
- ⑧ CAP LINE FOR FUTURE EXPANSION.
- ⑨ PROPANE LINE FROM TANKS TO BUILDING WITH REGULATOR ON OUTSIDE OF BUILDING. PROVIDE APPLIANCE REGULATOR AT EACH APPLIANCE TO REDUCE PRESSURE.
- ⑩ NOT USED
- ⑪ CONNECT 1" COMPRESSED AIR LINE AND $\frac{3}{4}$ " CW LINE TO OVERHEAD HOSE REEL. PROVIDE SHUT-OFF AND UNION. HOSE REEL BY CONTRACTOR.
- ⑫ $\frac{3}{4}$ " COMPRESSED AIR DROP DOWN TO QUICK DISCONNECT. PROVIDE SHUT-OFF VALVE. VERIFY MOUNTING HEIGHT WITH OWNER. REFER TO DETAIL 5/P601.
- ⑬ NOT USED
- ⑭ NOT USED
- ⑮ AIR COMPRESSOR BY CONTRACTOR. CONNECT 1- $\frac{1}{2}$ " COMPRESSED AIR LINE TO COMPRESSOR. PROVIDE SHUT-OFF VALVE AND UNION.
- ⑯ PROPANE LINE DOWN TO BURNER. PROVIDE SHUT-OFF VALVE, UNION AND APPLIANCE REGULATOR REFERENCE DETAIL 2/M603.
- ⑰ 2" WATER TO WASH RACK.
- ⑱ DROP AIR LINE DOWN COLUMN FACE AND TERMINATE WITH QUICK COUPLER 3' A.F.F.

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NOT VALID UNLESS SIGNED

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ARCHIPLEX PROJECT NO:	050013.01
PVE PROJECT NO:	05153.00
DRAWN BY:	M.M.
CHECKED BY:	A.D.S.
DATE:	FEBRUARY 15, 2006

KEY PLAN

PLUMBING ENLARGEMENTS

P301

ELECTRICAL SPECIFICATIONS

SECTION 16-0200 - GENERAL PROVISIONS

WORK CONSISTS OF FURNISHING LABOR, MATERIALS, EQUIPMENT AND SERVICES REQUIRED FOR THE COMPLETE INSTALLATION OF ELECTRICAL WORK SHOWN IN THE CONTRACT DOCUMENTS AND SPECIFIED IN DIVISION 16.

INCLUDE ALL PARTS AND LABOR WHICH ARE INCIDENTAL AND NECESSARY FOR A COMPLETE AND OPERABLE INSTALLATION EVEN THOUGH NOT SPECIFICALLY MENTIONED IN THE CONTRACT DOCUMENTS. SUCH ITEMS INCLUDE NUTS, BOLTS, ANCHORS, BRACKETS, SLEEVES, OFFSETS IN CONDUIT, FITTINGS, RELAYS, ETC.

OBTAIN ALL TEMPORARY AND PERMANENT PERMITS AND LICENSES REQUIRED IN CONNECTION WITH THIS DIVISIONS WORK. PAY ALL FEES AND EXPENSES REQUIRED FOR SUCH PERMITS AND LICENSES.

REQUEST INSPECTIONS AS REQUIRED BY REGULATING AGENCIES AND/OR REGULATIONS. PAY ALL CHARGES FOR INSPECTIONS BY REGULATING AGENCIES OF INSTALLATIONS OF PLANS AND SPECIFICATIONS.

INCLUDE STATE AND LOCAL SALES TAXES IN THE BID. KEEP ACCURATE RECORDS OF THESE TAXES AND FURNISH SUCH RECORDS TO THE OWNER UPON REQUEST.

MEET OR EXCEED ALL CURRENT APPLICABLE CODES, ORDINANCES AND REGULATIONS FOR ALL INSTALLATIONS. PROMPTLY NOTIFY THE ENGINEER IN WRITING IF THE CONTRACT DOCUMENTS APPEAR TO CONFLICT WITH GOVERNING CODES AND REGULATIONS. CONTRACTOR ASSUMES ALL RESPONSIBILITY AND COSTS FOR CORRECTING NON-COMPLYING WORK INSTALLED WITHOUT NOTIFYING THE ENGINEER.

HIGHER QUALITY OF WORKMANSHIP AND MATERIALS INDICATED IN THE CONTRACT DOCUMENTS TAKE PRECEDENCE OVER THAT ALLOWED IN REFERENCED CODES AND STANDARDS.

THE TERMS DEFINED BELOW APPLY TO ALL WORK INCLUDED IN DIVISION 16.

a. THE WORK - AS DEFINED IN THE 1997 AIA DOCUMENT A201 - "THE WORK" MEANS THE CONSTRUCTION AND/OR REPAIRS REQUIRED BY THE CONTRACT DOCUMENTS WHETHER COMPLETED OR NOT. IT INCLUDES THE INSTALLATION OF ALL MATERIALS, MATERIALS, EQUIPMENT AND SERVICES PROVIDED OR TO BE PROVIDED BY THE CONTRACTOR TO THE CONTRACT DOCUMENTS. THE WORK MAY CONSTITUTE THE WHOLE OR A PART OF THE PROJECT.

b. FURNISH - TO OBTAIN NEW IN POSITION READY FOR INSTALLATION INTO THE WORK.

c. INITIAL - TO STORE, SET IN PLACE, CONNECT AND PLACE INTO OPERATION INTO THE WORK.

d. PROVIDE - TO FURNISH AND INSTALL.

e. CONNECT - TO BRING SERVICE TO THE EQUIPMENT AND MAKE PERMANENT CONNECTIONS NECESSARY SWITCHES, OUTLETS, BOXES, TERMINATIONS, ETC.

f. CONDUIT - INCLUDES IN ADDITION TO CONDUIT, ALL FITTINGS, PULL BOXES, HANGERS AND OTHER SUPPORTS AND ACCESSORIES RELATED TO SUCH CONDUIT.

g. CONCEALED - HIDDEN FROM SIGHT IN CHASES, PURRED SPACES, SHAFTS, HANG GABLETS, EMBEDDED IN CONCRETE, IN CRACKS, SPACES OR BURIED.

h. EXPOSED - NOT INSTALLED UNDERGROUND NOR CONCEALED AS DEFINED ABOVE.

i. THE DRAWINGS AND SPECIFICATIONS CONSTITUTE THE CONTRACT DOCUMENTS. ANY ITEM NOTED IN THE SPECIFICATION OR SHOWN ON THE DRAWINGS IS INCLUDED IN THE CONTRACT DOCUMENTS.

ALL ELECTRICAL DETAILS AND DRAWINGS ARE DIAGRAMMATIC UNLESS SPECIFICALLY NOTED. FIELD VERIFY ALL DIMENSIONS AND NOTIFY THE ENGINEER OF ANY CONFLICTS OR DISCREPANCIES. IN WRITING, PRIOR TO INSTALLATION.

INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY PRECAUTIONS REQUIRED WITH THIS WORK IN ACCORDANCE WITH THE REGULATIONS OF LOCAL, STATE AND FEDERAL AGENCIES (OSHA) AND OTHER GOVERNING AGENCIES.

DO NOT REMOVE OR DISTURB ANY ASBESTOS CONTAINING MATERIALS FROM THE PROJECT. IMMEDIATELY STOP WORK AND NOTIFY THE TENANT IF ASBESTOS CONTAINING MATERIALS ARE SUSPECTED.

BEFORE SUBMITTING A PROPOSAL ON THE WORK COMPLETED, EXAMINE THE SITE OF THE PROPOSED WORK AND BECOME THOROUGHLY FAMILIAR WITH EXISTING CONDITIONS AND LIMITATIONS. EXTRA COMPENSATION WILL BE ALLOWED BECAUSE OF MISUNDERSTANDING AS TO THE AMOUNT OF WORK INVOLVED NOR BECAUSE OF LACK OF KNOWLEDGE OF EXISTING CONDITIONS WHICH COULD HAVE BEEN DISCOVERED OR REASONABLY ANTICIPATED PRIOR TO BIDDING.

CONDUITS, PIPES, DUCTS, LIGHTS, DEVICES, SPEAKERS, ETC., SHOWN ON THE DRAWINGS AS EXISTING HAVE BEEN BUILT IN PLACE AND PLANS AND MAY NOT BE INSTALLED AS ORIGINALLY SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO VISIT THE SITE AND MAKE A DETERMINATION OF THE EXISTENCE LOCATION AND CONDITION OF SUCH FACILITIES PRIOR TO SUBMITTING A BID.

CONSULT THE DRAWINGS AND SPECIFICATIONS OF MECHANICAL AND OTHER TRADES FOR CORRELATING INFORMATION AND LAY OUT WORK SO THAT IT WILL COORDINATE WITH OTHER TRADES. VERIFY DIMENSIONS AND CONDITIONS (I.E. FINISHING HEIGHTS, FOOTING AND FOUNDATION ELEVATIONS, BEAM DEPTHS, ETC.) WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. NOTIFY THE ARCHITECT/ENGINEER OF ANY CONFLICTS THAT CANNOT BE RESOLVED. THE FIELD, BY APPROVED TRADES, MAKE THE DETERMINATION OF THE LACK OF COORDINATION AND FAILURE TO VERIFY EXISTING CONDITIONS WILL BE COMPLETED AT NO COST TO THE OWNER.

INSTALL, ALL CONDUIT, CABLE TRAY, SUBDUIT, EQUIPMENT, ETC. AND JOINING PROTECT GASKETS AND MAINTAINANCE CLEARANCES AND TO AVOID BLOCINGS PARASITICALLY AND ACCESS PANELS.

WHERE WORK MUST BE REPLACED DUE TO FAILURE OF THE CONTRACTOR TO VERIFY THE CONDITIONS EXISTING ON THE JOB, SUCH REPLACEMENT MUST BE ACCOMPLISHED AT NO COST TO THE OWNER. THIS APPLIES TO SHOP FABRICATED WORK AS WELL AS TO WORK FABRICATED IN PLACE.

THROUGHOUT THE COURSE OF THE WORK MINOR CHANGES AND ADJUSTMENTS TO THE INSTALLATION MAY BE REQUESTED BY THE ENGINEER. THE CONTRACTOR SHALL MAKE ADJUSTMENTS WITH AN ADDITIONAL COST TO THE OWNER WHERE SUCH ADJUSTMENTS ARE NOT INCLUDED IN THE CONTRACT DOCUMENTS. THIS DOES NOT INCLUDE WORK ALREADY COMPLETED.

OBTAIN EXACT LOCATION OF CONNECTION TO EQUIPMENT, FURNISHED BY OTHERS FROM THE PERSON FURNISHING THE EQUIPMENT.

DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY AND WHAT IS CALLED FOR IN EITHER ONE IS AN ENDING AS IF CALLED FOR IN BOTH.

INCLUDE THE BETTER QUALITY, GREATER QUANTITY OR HIGHER COST FOR AN ITEM OR ARRANGEMENT WHERE A DISCREPANCY EXISTS IN THE DRAWINGS AND SPECIFICATIONS.

GUARANTEE AND MAINTAIN THE STABILITY OF WORK AND MATERIALS AND KEEP SAME IN PERFECT REPAIR AND CONDITION FOR THE PERIOD OF ONE (1) YEAR AFTER THE FINAL COMPLETION OF THE WORK AS ENJOYED BY ISSUANCE OF THE FINAL CERTIFICATE BY THE OWNER.

DEFECTS OF ANY KIND DUE TO FAULTY WORK OR MATERIALS APPEARING DURING THE ABOVE MENTIONED PERIOD MUST BE IMMEDIATELY MADE GOOD BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE ENTIRE SATISFACTION OF THE OWNER. INCLUDE DAMAGE TO THE FINISH OR THE BUILDING RESULTING FROM THE ORIGINAL DEFECT OR REPAIRS.

REPLACE ALL RECEPTACLES, SWITCHES, COVERPLATES, ETC., DAMAGED BY ANOTHER CONTRACTOR DURING THE COURSE OF CONSTRUCTION.

MATERIALS FURNISHED FOR THE TEMPORARY LIGHT AND POWER SYSTEM REMAIN CONTRACTORS PROPERTY. REMOVE WHEN THERE IS NO LONGER ANY NEED FOR TEMPORARY LIGHT AND POWER.

COORDINATE/SCHEDULE ALL WORK WITH THE OWNER TO MINIMIZE ANY DISRUPTIONS, CONTINUE ALL INTERRUPTIONS TO THE MAXIMUM POSSIBLE AREA. PROVIDE TEMPORARY CONNECTIONS IF REQUIRED TO PROVIDE CONTINUITY OF SERVICE.

INSPECT ALL AREAS AFFECTED BY THE INTERRUPTIONS AND RETURN ALL AUTOMATICALLY CONTROLLED EQUIPMENT, ELECTRICALLY OPERATED EQUIPMENT TO THE SAME OPERATING CONDITION PRIOR TO THE INTERRUPTION.

DO NOT DISTURB NORMAL USE OF THE FACILITY, EXCEPT WITHIN THE IMMEDIATE CONSTRUCTION AREA. KEEP WALLS, DRIVEWAYS, ENTRANCES, ETC., FREE AND CLEAR OF EQUIPMENT, MATERIAL, AND DEBRIS.

STORE ALL EQUIPMENT AND MATERIAL IN A PLACE AND MANNER THAT MINIMIZES CONGESTION AND IS APPROVED BY THE OWNER.

PROVIDE NEW MATERIAL AND EQUIPMENT, UNLESS NOTED OTHERWISE. PROTECT EQUIPMENT AND MATERIAL FROM DAMAGE, DIRT AND THE WEATHER.

PROVIDE THE HIGHEST QUALITY WORKMANSHIP AND PERFORM ALL WORK ONLY BY SKILLED MECHANICS. INSTALL MATERIAL AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, INSTRUCTIONS AND CURRENT NECA STANDARDS.

THE OWNER RESERVES THE RIGHT TO REJECT MATERIAL OR WORKMANSHIP NOT IN ACCORDANCE WITH THE SPECIFICATIONS, BEFORE OR AFTER INSTALLATION.

PERFORM ALL CUTTING AND PATCHING NECESSARY TO WORK, UNLESS SPECIFICALLY DELEGATED TO THE GENERAL CONTRACTOR. OBTAIN SPECIAL PERMISSION FROM THE LANDLORD BEFORE CUTTING STRUCTURAL MEMBERS OR REMOVED MATERIAL. PERFORM ALL PATCHING IN SUCH A MANNER AS TO LEAVE NO VISIBLE TRACE AND RETURN THE AREA AFFECTED TO THE CONDITION OF UNDISTURBED WORK. PERFORM ALL PATCHING BY WORKERS EXPERIENCED, SKILLED, AND LICENSED FOR THE PARTICULAR TYPE OF WORK INVOLVED. INTERIOR WORK WILL NOT BE ACCEPTED.

PATCH ALL HOLES LEFT AS A RESULT OF DEMOLITION OF ELECTRICAL EQUIPMENT AND DEVICES.

PREVENT THE SPREAD OF DUST, DEBRIS, AND OTHER MATERIAL INTO ADJACENT AREAS.

REPAIR ALL ELECTRICAL EQUIPMENT DAMAGED DURING SHIPPING AND/OR INSTALLATION TO ITS ORIGINAL CONDITION. REMOVE ALL RUST, PAINT AND PAINT PER MANUFACTURERS RECOMMENDATIONS FOR FINISH EQUAL TO ORIGINAL.

AFTER TESTS HAVE BEEN MADE AND ACCEPTED, CLEAN LIGHT FIXTURES, PANELS AND OTHER EQUIPMENT INSTALLED BY THE CONTRACTOR, LEAVING THE ENTIRE WORK AREA IN A CLEAN AND COMPLETE WORKING ORDER.

OPERATE EQUIPMENT AND SYSTEMS IN ALL THEIR OPERATING MODES, TO VERIFY PROPER OPERATION, PRIOR TO FINAL INSPECTION AND OWNER INSPECTIONS. NOTIFY THE ENGINEER IN WRITING THAT SUCH SYSTEMS HAVE BEEN TESTED AND ARE FUNCTIONING AND OPERATING PROPERLY.

CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ELECTRICAL EQUIPMENT OR MATERIALS UNTIL FINAL ACCEPTANCE OF THE ENTIRE PROJECT BY THE OWNER.

PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN SYSTEMS, INCLUDING TELEPHONE AND DATA SYSTEMS, IN SERVICE DURING CONSTRUCTION. WHEN WORK MUST BE PERFORMED ON ENERGIZED EQUIPMENT OR CIRCUITS, USE PERSONNEL EXPERIENCED IN SUCH OPERATIONS.

EXISTING ELECTRICAL SERVICE: MAINTAIN EXISTING SYSTEM IN SERVICE DURING CONSTRUCTION. IF SUPPORTED PREVIOUSLY BY DEPENDENT WALLS, CEILING OR OTHER STRUCTURES, PROVIDE NEW SUPPORTS FROM STRUCTURAL MEMBERS NOT SLATED FOR DESTRUCTION PRIOR TO ANY DEMOLITION.

EXISTING TELEPHONE, DATA, CCTV & SECURITY SYSTEM MAINTAIN EXISTING SYSTEMS IN SERVICE.

DEMOLISH AND EXTEND EXISTING ELECTRICAL WORK UNDER AND THIS SECTION, AND AS INDICATED ON THE DRAWINGS. REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.

PROVIDE SUPPORTS FOR ALL EXISTING ELECTRICAL EQUIPMENT THAT WAS SUPPORTED PREVIOUSLY BY DEPENDENT WALLS, CEILING OR OTHER STRUCTURES. PROVIDE NEW SUPPORTS FROM STRUCTURAL MEMBERS NOT SLATED FOR DESTRUCTION PRIOR TO ANY DEMOLITION.

OWNER RESERVES THE RIGHT OF FIRST REFUND. TO OBTAIN MATERIAL SHOWN TO BE REMOVED UNDER THIS CONTRACT, ITEMS NOT RETAINED BY THE OWNER MAY BE REMOVED FROM THE PROPERTY OF THE CONTRACTOR AND MUST BE REMOVED FROM THE PREMISES.

EXTEND EXISTING INSTALLATIONS USING MATERIALS AND METHODS COMPATIBLE WITH EXISTING ELECTRICAL INSTALLATIONS, OR AS SPECIFIED, RELOCATE AND REWIRE CONDUIT WIRING AS REQUIRED FOR CONDUIT CONCEALED IN WALLS OR STRUCTURE BEING ALTERED AS PART OF THE REWIRING. MAINTAIN CONTINUITY TO ALL DEVICES IN AND DOWNSTREAM OF REWIRING WORK.

REROUTE EXISTING RACEWAY AND WIRING, WHICH IS EXPOSED DUE TO REPAIRS, ATTACHMENT AND/OR REMOVAL OF EQUIPMENT, REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.

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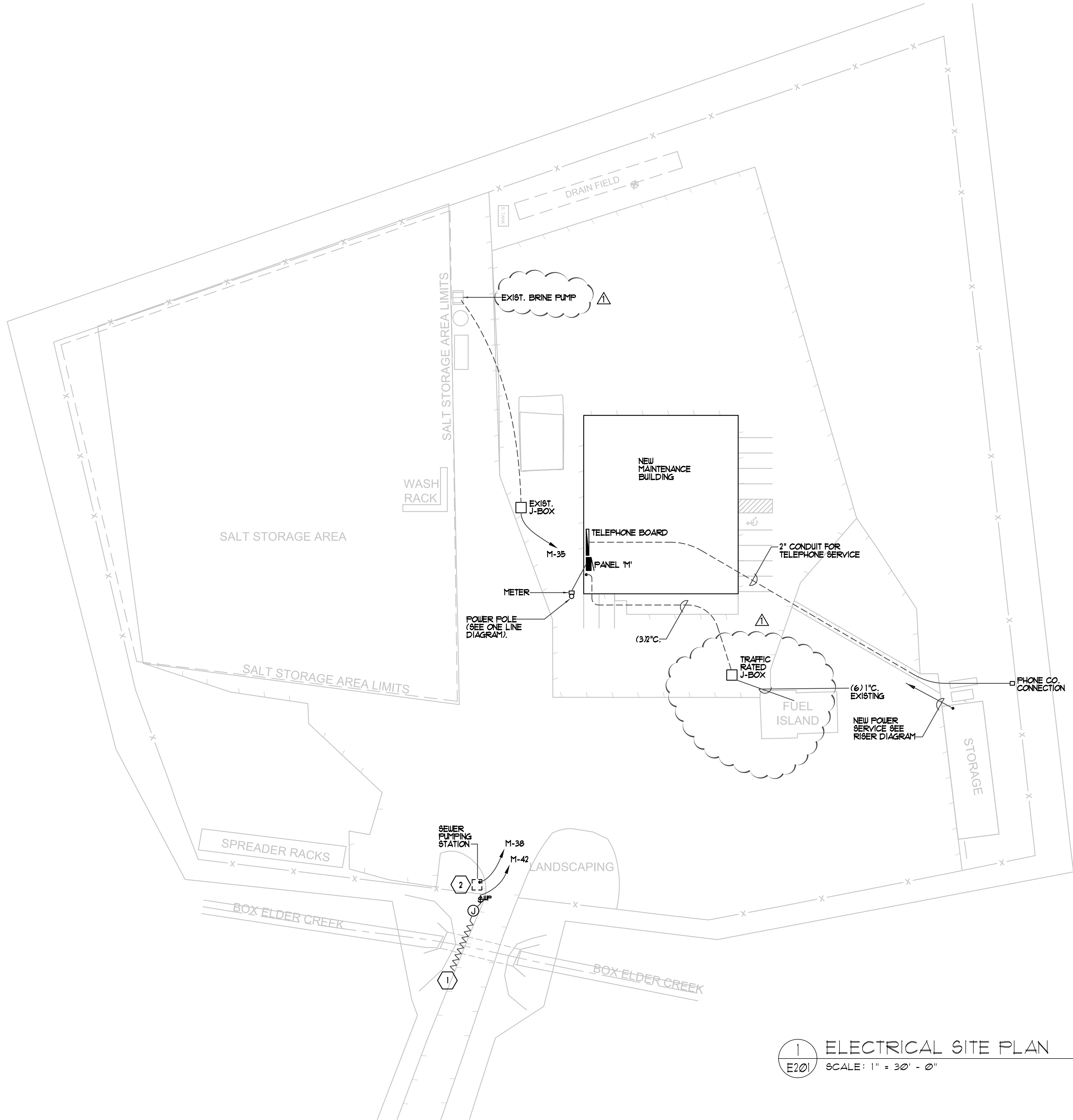
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PANELBOARD SCHEDULE

PANEL	'A'	120/208 VOLTS	3	PH	4	W
MOUNTING	FLUSH SURFACE					
LOCATION:	MEZZ. 201					
RATING:	10,000 SERVICE RATED	AMP	225	-	MLO	
PROJECT:	BIGHAM M.S.					
BRANCH BREAKERS						
ITEM	AMPS	POLE	WIRE SIZE	NO.	LEFT PHASE LOAD	RIGHT PHASE LOAD
1	20	1	12	1	1100	1000
2	20	1	12	1	1100	1000
3	20	1	12	1	1100	1000
4	20	1	12	1	1100	1000
5	20	1	12	1	1100	1000
6	20	1	12	1	1100	1000
7	1500	1	12	1	1100	1000
8	1500	1	12	1	1100	1000
9	1500	1	12	1	1100	1000
10	1500	1	12	1	1100	1000
11	1500	1	12	1	1100	1000
12	1500	1	12	1	1100	1000
13	1800	1	12	1	1100	1000
14	1800	1	12	1	1100	1000
15	1800	1	12	1	1100	1000
16	1800	1	12	1	1100	1000
17	1800	1	12	1	1100	1000
18	1800	1	12	1	1100	1000
19	1000	1	12	1	1100	1000
20	1000	1	12	1	1100	1000
21	1000	1	12	1	1100	1000
22	1000	1	12	1	1100	1000
23	1000	1	12	1	1100	1000
24	1500	2	10	1	1500	1500
25	1500	2	10	1	1500	1500
26	1500	2	10	1	1500	1500
27	1000	1	12	1	1100	1000
28	1000	1	12	1	1100	1000
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33	1000	1	12	1	1100	1000
34	1000	1	12	1	1100	1000
35	1000	1	12	1	1100	1000
36	1000	1	12	1	1100	1000
37	1000	1	12	1	1100	1000
38	1000	1	12	1	1100	1000
39	1000	1	12	1	1100	1000
40	1000	1	12	1	1100	1000
41	1000	1	12	1	1100	1000
42	1000	1	12	1	1100	1000
TOTAL					7400 6900 5400 4500 2300 3700	
					11900 9200 9100	
						LOAD TOTAL 30,200

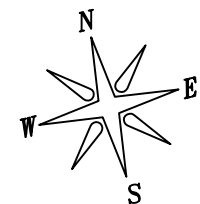
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- KEYED NOTES:**
- 40% OF SELF REGULATING HEAT TAPE ON SEWER PIPE ACROSS CULVERT. INSTALL UNDER INSULATION 12WATTS PER FOOT. RATED FOR UNDERGROUND INSTALLATION.
 - VERIFY EXACT PUMP POWER REQUIREMENTS PRIOR TO ROUGH-IN.

1 ELECTRICAL SITE PLAN
E201 SCALE: 1" = 30' - 0"



CLIENT

BRIGHAM CITY
MAINTENANCE FACILITY
STATION #1423
1325E. HIGHWAY 90
BRIGHAM CITY, UTAH 84302

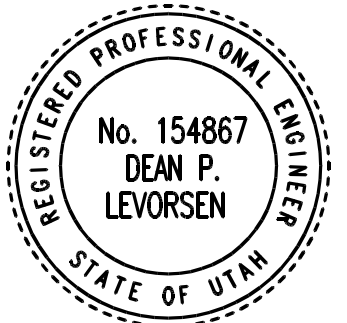
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Consulting Mechanical Engineers
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Salt Lake City UT, 84101
Phone: (801) 359-3158
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REGISTRATION



NOT VALID UNLESS SIGNED

ISSUE

1	3/17/06	ADDENDUM #1
	2/15/06	CONSTRUCTION DOCUMENTS
	1/18/06	FINAL REVIEW

MARK	DATE	DESCRIPTION
DFCM PROJECT NO:	05059900/067045	
ARCHIPLEX PROJECT NO:	050013.01	
PVE PROJECT NO:	05153.01	
DRAWN BY:	K.M.	
CHECKED BY:	R.K.R.	
DATE:	OCTOBER 6, 2005	

KEY PLAN

SHEET TITLE

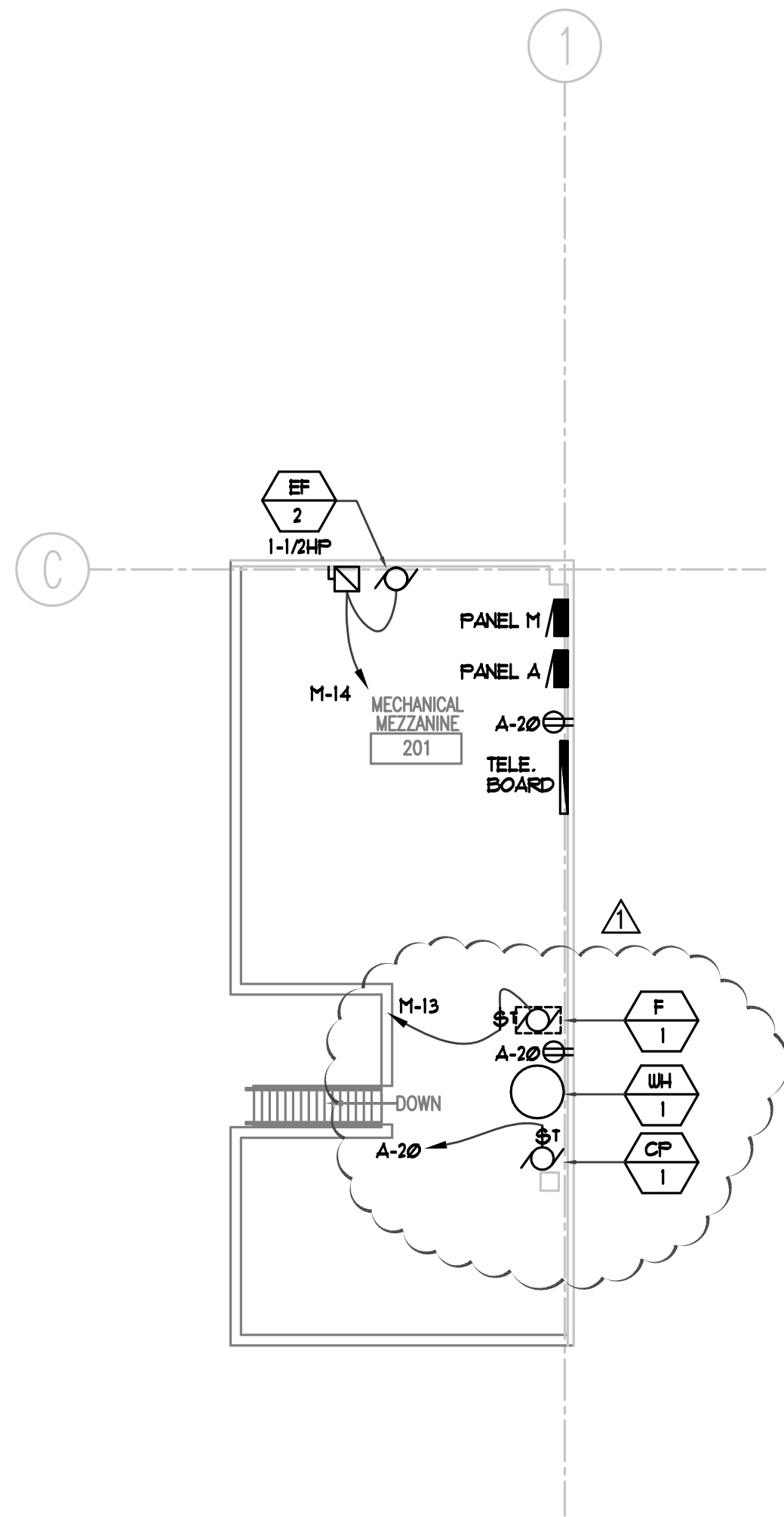
ELECTRICAL
SITE PLAN

E100

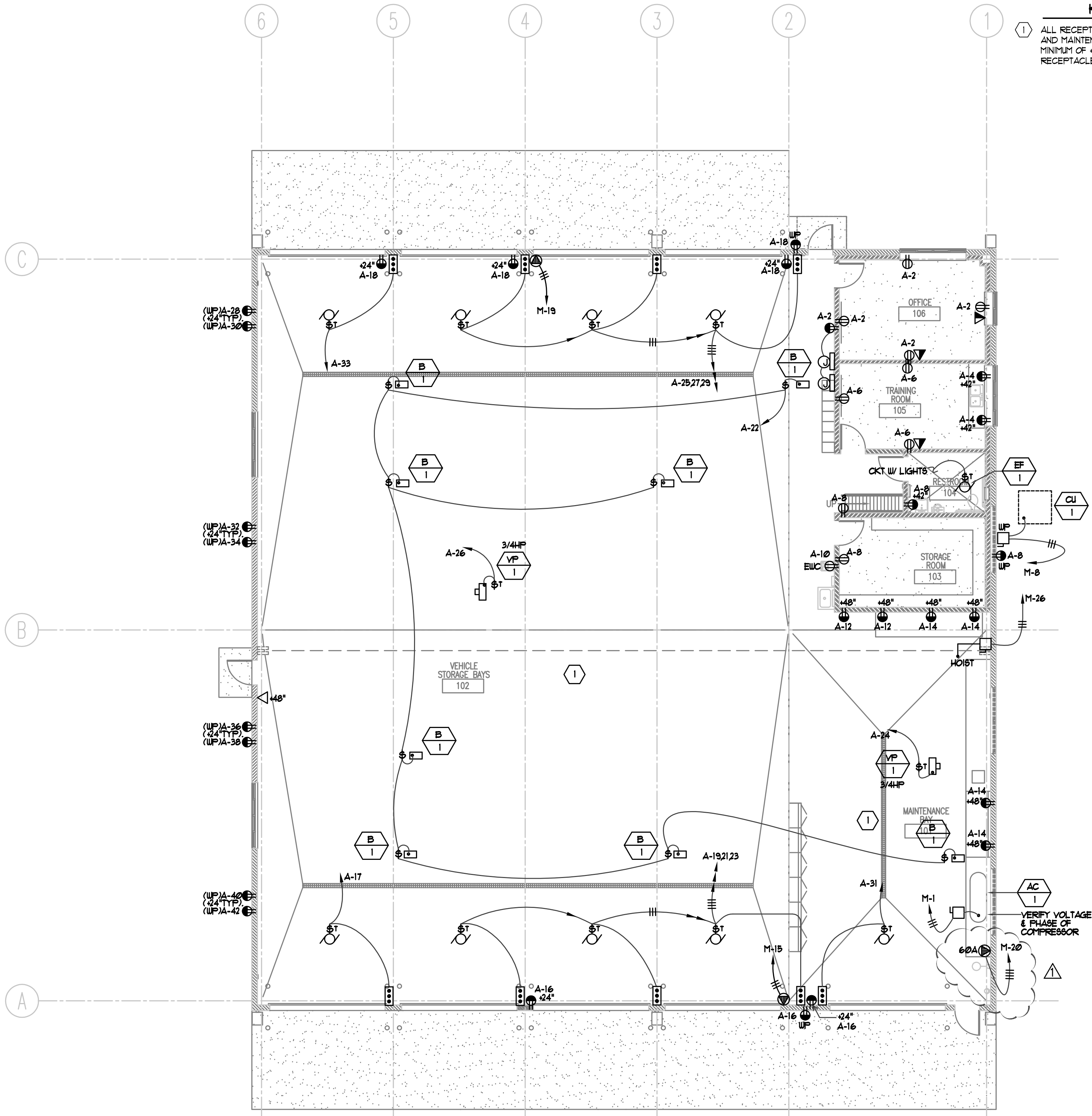
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2 MEZZANINE FLOOR PLAN (PWR).
E301 SCALE: 1/8" = 1' - 0" 6' 0' 4' 8' 12' 16'



1 POWER FLOOR PLAN
E301 SCALE: 1/8" = 1' - 0" 6' 0' 4' 8' 12' 16'



KEYED NOTES:
ALL RECEPTACLES IN VEHICLE STORAGE BAYS AND MAINTENANCE BAY SHALL BE MOUNTED A MINIMUM OF 24" A.F.F. AND BE A GFCI TYPE RECEPTACLE.

CLIENT

BRIGHAM CITY
MAINTENANCE FACILITY
STATION #1423
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BRIGHAM CITY, UTAH 84302

DESIGNER

ARCHIPLEX
GROUP

architecture - planning - design services

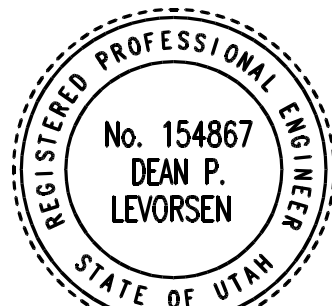
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REGISTRATION



NOT VALID UNLESS SIGNED

ISSUE

	3/17/06	ADDENDUM #1
	2/15/06	CONSTRUCTION DOCUMENTS
	1/18/06	FINAL REVIEW
MARK	DATE	DESCRIPTION

DFCM PROJECT NO:	05059900/067045
ARCHIPLEX PROJECT NO:	050013.01
PVE PROJECT NO:	05153.01
DRAWN BY:	K.M.
CHECKED BY:	R.K.R.
DATE:	OCTOBER 6, 2005

KEY PLAN

SHEET TITLE

POWER
FLOOR PLAN

E301